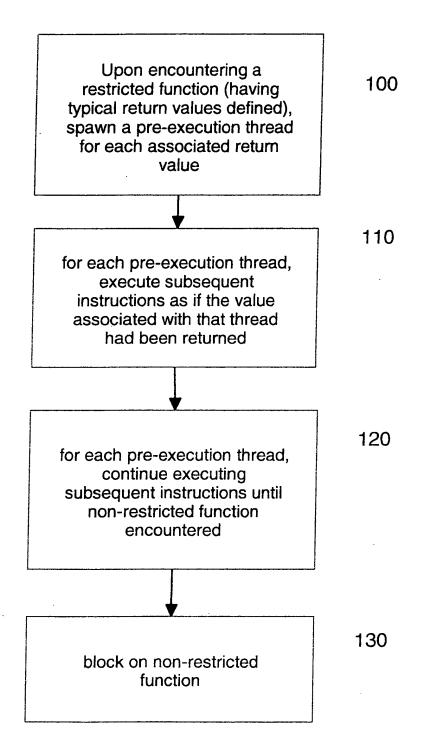
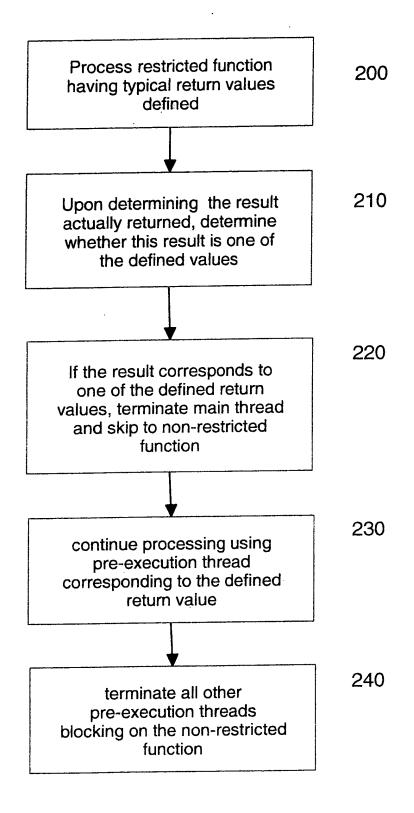
```
resticted (late, very late) library()
  while (more users)
      determine status of user's book
     if not overdue
         do nothing
     if late
        remind_late_user(user)
     if very late
        remind_very_late(user)
    while(more letters)
    send_letter_to_printer(letter)
 }
restricted remind_late_user(user)
    lookup user's address, book name; number of days overdue by; outstandin
    fine; waiting list; borrower history
    calculating fine due
    retrieve late text
    build letter in volatile memory
}
restricted remind_very_late_user(user)
   lookup user's address; book name; number of days overdue by, ,waiting list
   calculating fine due
   retrieve very late text
   build letter in volatile memory
}
send_letter_to_printer(letter)
   print letter}
```

Figure 1 }





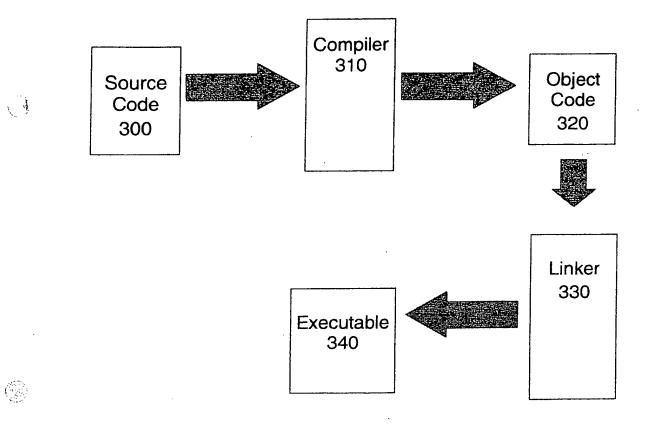


Figure 3